



247978

00005

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

DATE: DECEMBER 5, 1994

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

D.DIETRICH-ATTN: E. WATKINS, USEPA, OSWER, WASH. D.C.....(E-MAIL)
R.KARL-ATTN: DON BRUCE, USEPA, OSF, EERB, CHICAGO, IL.....(E-MAIL)
J.CISNEROS-ATTN: L.BEASELY, USEPA, ESS, EERB, CHICAGO, IL.(E-MAIL)
M.McCUE-ATTN: USEPA OFFICE OF PUBLIC AFFAIRS, CHICAGO, IL.(E-MAIL)
T.KRUEGER-ATTN: B.WARNING, USEPA, ORC, CHICAGO, IL..... (E-MAIL)
DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)
L.ROBERTSON, CITY of CHICAGO, DEPT. of ENVIRONMENT.....(VIA-FAX)
M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY....(VIA-FAX)
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO, IL

LATITUDE: 41°52'09.3" LONGITUDE: 87°44'30.4"

POLREP NO.: 5

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: OCTOBER 18, 1994

COMPLETION DATE:

1. SITUATION:

- A. Removal activities continue at this former chemical warehouse. Chemical identification of all drums and small containers completed. A total of 768 samples have been characterized to date, and waste categories have been consolidated from 17 to 13 groups. Current drum count stands at 624. Consolidation of compatible waste streams underway.
- B. Site has remained secure. RES, EPA, and TAT returned to site from demob on 11/28. No problems occurred during the Thanksgiving demob from 11/21-11/28. SDI providing 24 hr. armed guard service.
- C. Weather: Temperatures have ranged from the mid 50's to the mid 20's. High winds that blew during the Thanksgiving demob week ripped the tarp from the roof. However, since little rain is expected in the coming month, the detached section of the tarp was not replaced.

2. ACTIONS TAKEN:

- A. Samples of the nickel liquids, cyanide liquids, and aluminum paste were sent for profile analysis on 11/28. Verbals were received late 12/2. Complete results expected 12/5. A sample of the cyanide solids was sent to Clean Harbors for a disposal acceptance/bid on 11/21.
- B. Bulking of drums/containers continuing. During bulking of the acid liquid waste stream it was determined that most of the drums in this group contained large volumes of non-pumpable solids. These solids were repackaged into poly drums. Representative composite samples have been prepared for the nickel liquids, the cyanide liquids, and the aluminum paste for disposal characterization and approval.

- C. The crew began restaging the drums on-site into their respective waste groups to facilitate consolidation. Separate areas for base solids, aluminum paste, flammable liquids and solids, and acid solids have been established. The acid liquids, caustic liquids, chromic acid liquids, and base/neutral liquids are being staged adjacent to their bulking tanks. Drums are bulked when adequate amounts of material are staged. Two teams of two members each have been working steadily since 11/30 staging and bulking drums.
- D. Disposal of hazardous debris began on 11/28. Roll-off boxes have been shipped off-site for disposal to ChemMet Services in Wyandote, MI on 11/28, 11/29, and 12/1. A total of 58 cubic yards have been shipped to date.
- E. TAT continued to provide daily air monitoring for combustible gasses, O₂, CN⁻, and, CO vapors on a periodic basis during sampling activities. No readings above background levels were observed during daily air monitoring.
- F. ERCS T&D coordinator is awaiting the arrival of the profile analysis for the aluminum paste and nickel liquid to begin arranging for disposal bids.

3. PLANS:

- A. Complete bulk testing analyses for remaining waste streams. Continue consolidating drummed materials.
- B. RES T&D coordinator continues arranging for analysis and disposal of identified waste streams.
- C. Continue to ship roll-offs for treatment/disposal. Ship additional waste streams as approval is received.
- C. Continue open lines of communication with local City and State officials.

4. KEY ISSUES:

- A. Decon tank valve and pump have been weatherproofed due to cold weather. Future cold spells may cause problems inside the building that will have to be anticipated. Morning safety meetings have addressed threats associated with cold weather. Standing water in the work areas continues slowing work progress. Recent cold weather has slowed consolidation of waste groups. Low temperatures have caused the acid liquids to become more viscous, and froze one drum of acetic acid.
- B. Empty steel drums are not accepted by the facility receiving the hazardous debris. Drums are to be crushed and sent to a different TSD for treatment/disposal. These drums will have to be sent to another facility for disposal.

5. COSTS:

- A. Case open;
- B. Costs through 12/1/94;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$ 540,000	\$ 212,401.16	\$ 327,598.84
TAT	108,000	52,885.48	52,777.48
USEPA-DIR	29,700	9,975.00	19,725.00
USEPA-INDR	54,900	20,253.15	34,646.85
TOTALS	\$ 732,600	\$ 220,191.57	\$ 512,408.43

END